

# Restricted Page Editor

Specification	Restricted Page Editor
Target Application	PLF 4.2
Owner	Patrice Lamarque
Status	DRAFT - REVIEW - <b>VALIDATED</b>

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## Rationale

It should be possible to restrict page editors functionality for some some kind of users. In particular, these users should not be able to compose complex pages and risk to break the layouts.

Original GateIn spec: <https://community.jboss.org/wiki/RestrictedPageEditor>

## Functional Requirements

### Permissions Settings UI

This specification adds the ability to set new kinds of permissions at different location of the UI. They all user the same UI for which we define the specification below

ID	Description
PERMISSIONS_UI_01	a checkbox labeled : <i>Everyone</i> . The default value is checked for Move Apps and Move Containers permissions. It means everybody has the corresponding permission
PERMISSIONS_UI_02	When <i>Everyone</i> checkbox is checked, the permissions table and action buttons are hidden.
PERMISSIONS_UI_03	A table with 3 columns <i>Group ID</i> , <i>Membership</i> , <i>Action</i>

PERMISSIONS_UI_04	Action column contains a trash icon with tooltip : <i>Delete</i> . A click on Delete removes the entry
PERMISSIONS_UI_05	An Add Permission primary button allows to select a group and membership and append a corresponding entry in the permissions table
PERMISSIONS_UI_06	Users matching the group/memberships defined in the table are granted the permission
PERMISSIONS_UI_07	If there is no entry in the table, nobody is granted the permission except the <code>super user</code> and a warning message is displayed as the first row : <i>warning : nobody is granted this permission.</i>

## Site Permissions

Portal Settings
Properties
Permissions

Access
Edit
Move Apps
Move Containers

☐ Everyone

Group ID	Membership Type	Action
/platform/administrators	manager	

+ Add Permission

ID	Description
SITE_01	Edit > Site > Layout > Site's Config > Permission Settings, is renamed to <i>Permissions</i>
SITE_02	Inside <i>Permissions</i> , <i>Access Permission Settings</i> and <i>Edit Permissions Settings/</i> are renamed respectively to <i>Access</i> and <i>Edit</i> .
SITE_03	Inside <i>Permissions</i> , 2 new tabs are added <i>Move Apps</i> and <i>Move Containers</i>
SITE_04	In Edit > Site > Layout, users not granted with the <i>Move Apps</i> permission do not see the Delete Portlet icon on apps laid directly in the site layout
SITE_05	users with the <i>Move Apps</i> permission in a site can add new applications from the composer in the site layout via drag and drop unless a more restrictive permission is defined in a container (See Container Permissions below).
SITE_06	users with the <i>Move Apps</i> permission in a site can move apps contained in this site layout via drag and drop unless a more restrictive permission is defined in a container (See Container Permissions below).
SITE_07	users not granted with the <i>Move Apps</i> permission in a site cannot drag and drop an app in the site layout.
SITE_08	in Edit > Site > Layout, users not granted with the <i>Move Containers</i> permission should not see the Delete Container icon on containers laid directly in the site layout
SITE_09	users granted with the <i>Move Containers</i> permission in a site can add containers from the composer in the site layout via drag and drop unless a more restrictive permission is defined in a container (See Container Permissions below)..
SITE_10	users granted with the <i>Move Containers</i> permission in a site can move containers in this site layout via drag and drop unless a more restrictive permission is defined in a container (See Container Permissions below).

SITE_11	users not granted with the <code>Move Containers</code> permission in a site cannot drag and drop a container in the site layout.
SITE_12	users can view the <code>Move Apps</code> and <code>Move Containers</code> if and only if they have the membership defined in UserACL by <code>:portal.administrator.groups</code> (see <a href="#">definition</a> )

## Page Permissions

Page SettingsPermissions

AccessEditMove AppsMove Containers

☐ Everyone

Group ID	Membership Type	Action
/platform/administrators	manager	

+ Add Permission

ID	Description
PAGE_01	In <code>Edit &gt; Page &gt; Edit Layout &gt; View Page Properties</code> , <i>Permission Settings</i> is renamed to <i>Permissions</i>
PAGE_02	Inside <i>Permissions</i> , <i>Access Permission Settings</i> and <i>Edit Permissions Settings</i> are renamed respectively to <i>Access</i> and <i>Edit</i> .
PAGE_03	Inside <i>Permissions</i> , 2 new tabs are added <code>Move Apps</code> and <code>Move Containers</code>
PAGE_04	in <code>Edit &gt; Page &gt; Edit Layout</code> , users not granted with the <code>Move Apps</code> permission should not see the <code>Delete Portlet</code> icon on apps that are laid directly in the page layout
PAGE_05	users with the <code>Move Apps</code> permission in a page can add new applications from the composer in this page layout via drag and drop unless a more restrictive permission is defined in a container (See Container Permissions below).
PAGE_06	users with the <code>Move Apps</code> permission in a page can move apps contained in this page layout via drag and drop unless a more restrictive permission is defined in a container (See Container Permissions below).
PAGE_07	users not granted with the <code>Move Apps</code> permission in a page should not be able to drop apps in this page layout unless a more restrictive permission is defined in a container (See Container Permissions below).
PAGE_08	In <code>Edit Page Layout</code> or <code>Edit Site Layout</code> mode, users not granted with the <code>Move Containers</code> permission in a page should not see the <code>Delete Container</code> icon on containers that are laid directly in the page layout.
PAGE_09	users granted with the <code>Move Containers</code> permission in a page can add containers from the composer in this page layout via drag and drop unless a more restrictive permission is defined in a container (See Container Permissions below).
PAGE_10	users granted with the <code>Move Containers</code> permission in a page can move containers in this page layout via drag and drop unless a more restrictive permission is defined in a container (See Container Permissions below).
	for group pages, only users that have the membership defined by UserACL <code>portal.administrator.mstype</code> in

PAGE_11	the group OR <code>portal.administrator.groups</code> (see <a href="#">definition</a> ), can view the Move Apps and Move Containers buttons.
PAGE_12	for portal pages, only users that have the membership defined by UserACL <code>portal.administrator.groups</code> (see <a href="#">definition</a> ) can view the Move Apps and Move Containers buttons.

## Container Permissions

Move Apps and Move Containers permissions are defined at container level

Container Settings


Permissions


Access

Move Apps

Move Containers

☐ Everyone

Group ID	Membership Type	Action
/platform/administrators	manager	

 Add Permission

ID	Description
CONTAINER_01	In the popup displayed by Edit on a container from Edit > Site > Layout or Edit > Page > Edit Layout , <i>Access Permission</i> tab is renamed to <i>Permissions</i>
CONTAINER_02	Inside <i>Permissions</i> , <i>Access Permissions</i> is renamed to <i>Access</i>
CONTAINER_03	Inside <i>Permissions</i> , 2 buttons are added, <i>Move Apps</i> , <i>Move Containers</i> .
CONTAINER_04	users not granted with the Move Apps permission in a container should not see the Delete Portlet icon in edit mode.
CONTAINER_05	users granted with the Move Apps permission in a container can add new applications from the composer in this container via drag and drop.
CONTAINER_06	users granted with the Move Apps permission in a container can move apps contained in this container via drag and drop.
CONTAINER_07	users not granted with the Move Containers permission in a container should not see the Delete Container icon in edit mode.
CONTAINER_08	users granted with the Move Containers permission in a container can add containers from the composer in this container via drag and drop.
CONTAINER_09	users granted with the Move Containers permission in a container can move containers in this container via drag and drop.
CONTAINER_10	in Edit > Site > Layout > Site's Config, only users that have the membership defined by UserACL <code>portal.administrator.mstype</code> (see <a href="#">definition</a> ) can access the Move Containers and Move Apps buttons.

## XML Configuration

ID	Requirement
XML_CONF_01	In page.xml, two child elements are added for page and container : <move-apps-permissions> for Move Apps permission and <move-container-permission> for Move Containers permission.
XML_CONF_02	<move-container-permission> and <move-apps-permissions> should accept the same kind of roles/groups list like the existing <access-permissions>.
XML_CONF_03	To play well with portals migrated from older Platform versions and so that the default Platform behavior would stay the same like it was in previous versions, both move-*-permissions would default to Everybody if they are not set explicitly.
XML_CONF_04	<p>It should be possible to configure / override portal/container/page templates in an extension.</p> <p><u>Example</u> : The "Two Columns" layout the customer would have to customize the its two-columns/page.xml file like this:</p> <pre>&lt;page   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"   xsi:schemaLocation="http://www.gatein.org/xml/ns/gatein_objects_1_6 http://www.gatein.org/xml/ns/gatein_objects_1_6"   xmlns="http://www.gatein.org/xml/ns/gatein_objects_1_6"&gt;   &lt;name&gt;&lt;/name&gt;   &lt;add-application-permissions&gt;Nobody&lt;/add-application-permissions&gt;   &lt;container template="system:/groovy/portal/webui/container/UITableColumnContainer.gtmpl"&gt;     &lt;access-permissions&gt;Everyone&lt;/access-permissions&gt;     &lt;move-apps-permissions&gt;Nobody&lt;/move-apps-permissions&gt;     &lt;move-container-permissions&gt;Nobody&lt;/move-container-permissions&gt;   &lt;/container&gt;   &lt;container template="system:/groovy/portal/webui/container/UIContainer.gtmpl"&gt;     &lt;access-permissions&gt;Everyone&lt;/access-permissions&gt;     &lt;move-container-permissions&gt;Nobody&lt;/move-container-permissions&gt;   &lt;/container&gt; &lt;/page&gt;</pre>
XML_CONFIG_05	<move-*-permissions>Nobody</move-*-permissions> are shorthands for <move-*-permissions /> - i.e. for an empty list of permissions. Using this, all users - <b>excluding the super user</b> - are forbidden to place the given kind of component (container or portlet) on the given position in the hierarchy.

## Technical Guidelines

### Compatibility and Upgrades

ID	Description
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COMPAT\_01

page and container templates code should be updated to be compatible with the new behaviour. They should be allowed to `Everyone` as currently.